

8-23-12

SIMPLIFYING FRACTIONS

- Reducing fractions to easier #'s
- If the top & bottom can be divided by the same #, the fraction can be simplified.
- Try to divide by the GCF.
If you can't think of the GCF, divide by common factors until 1 is the only common factor.

$$\text{Ex: } \frac{3 \div 3}{6 \div 3} = \frac{1}{2}$$

$$\text{Ex: } \frac{15 \div 5}{45 \div 5} = \frac{3 \div 3}{9 \div 3} = \frac{1}{3}$$

$$\text{Ex: } \frac{12 \div 12}{12 \div 12} = \frac{1}{1} = 1$$

$$\text{Ex: } \frac{4}{10} = \frac{2}{5}$$

$$\text{Ex: } \frac{2}{4} = \frac{1}{2}$$